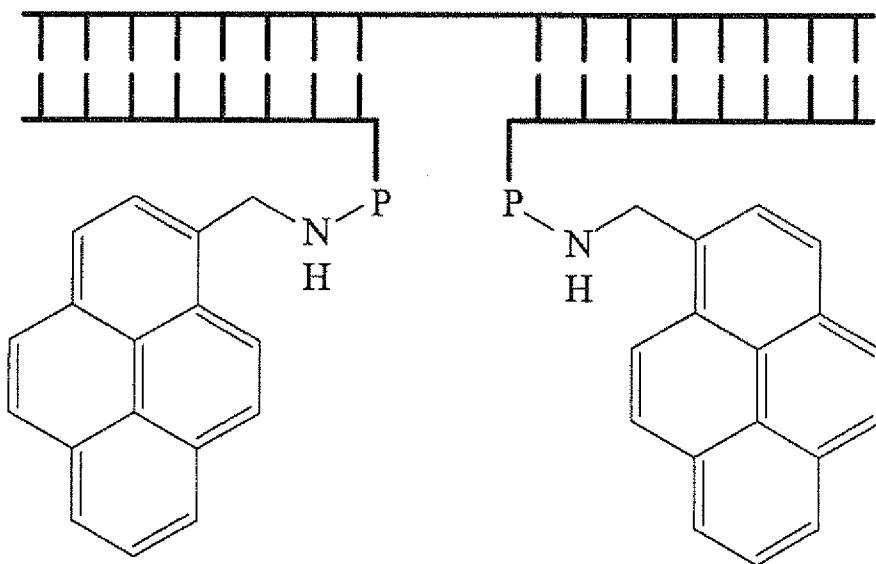


FIG 1A

SP-1



SP-2

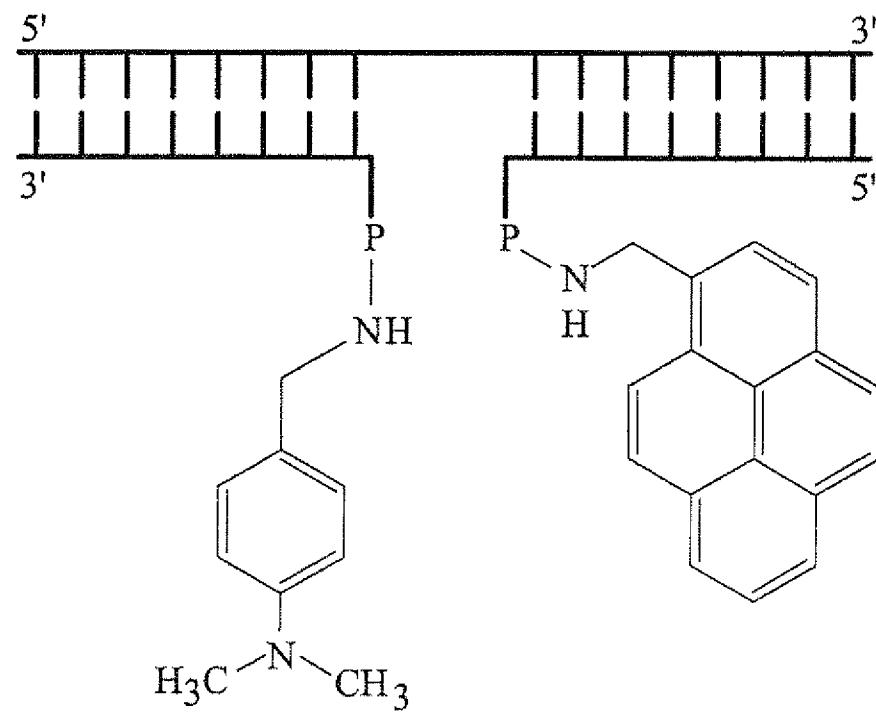
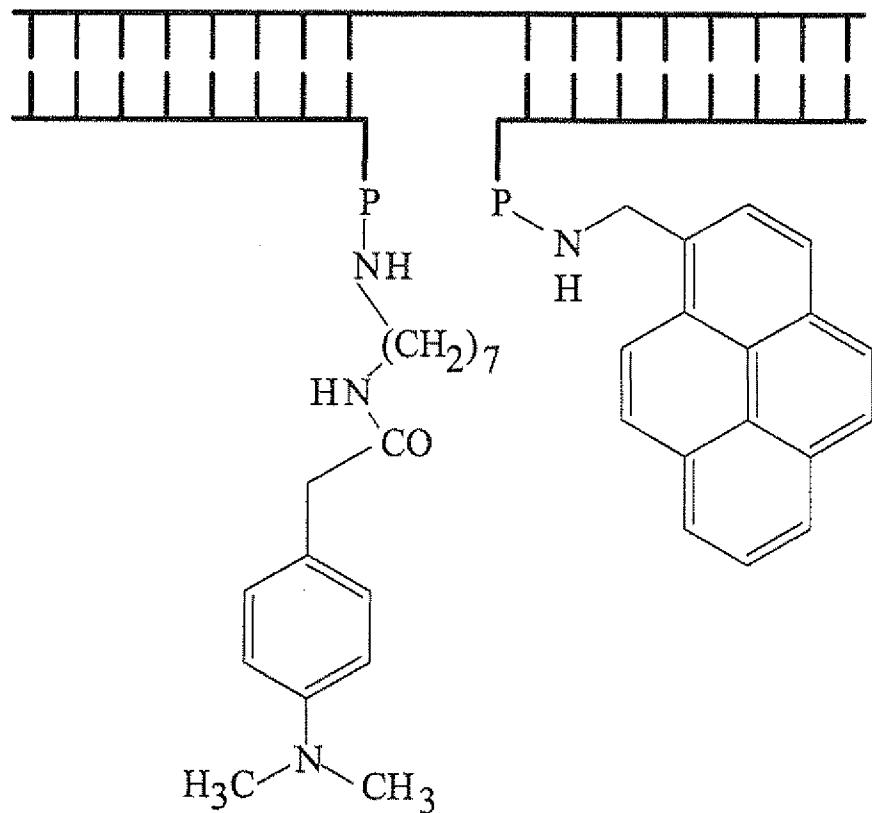


FIG 1B

SP-3



SP- 4

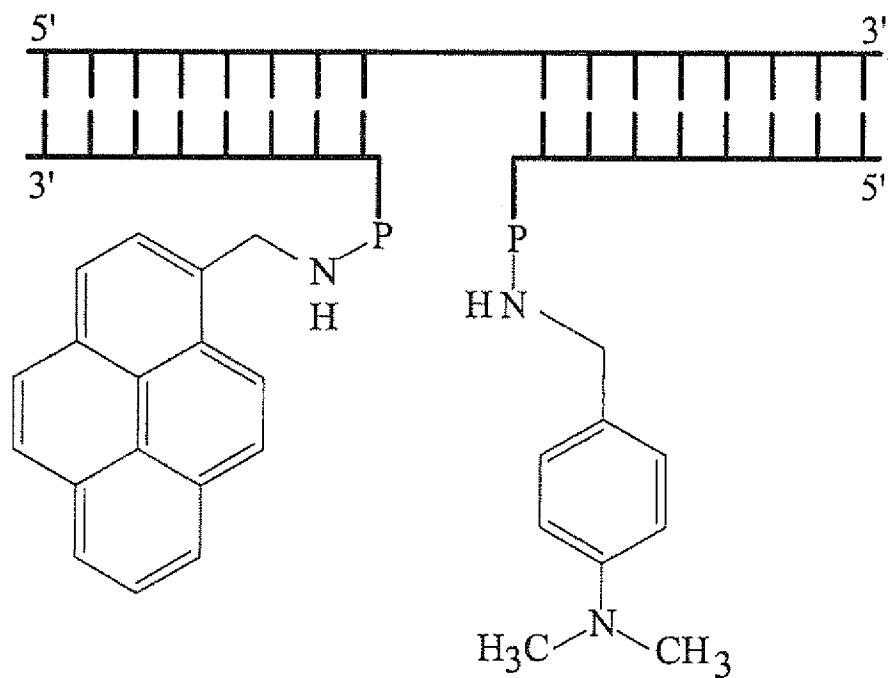
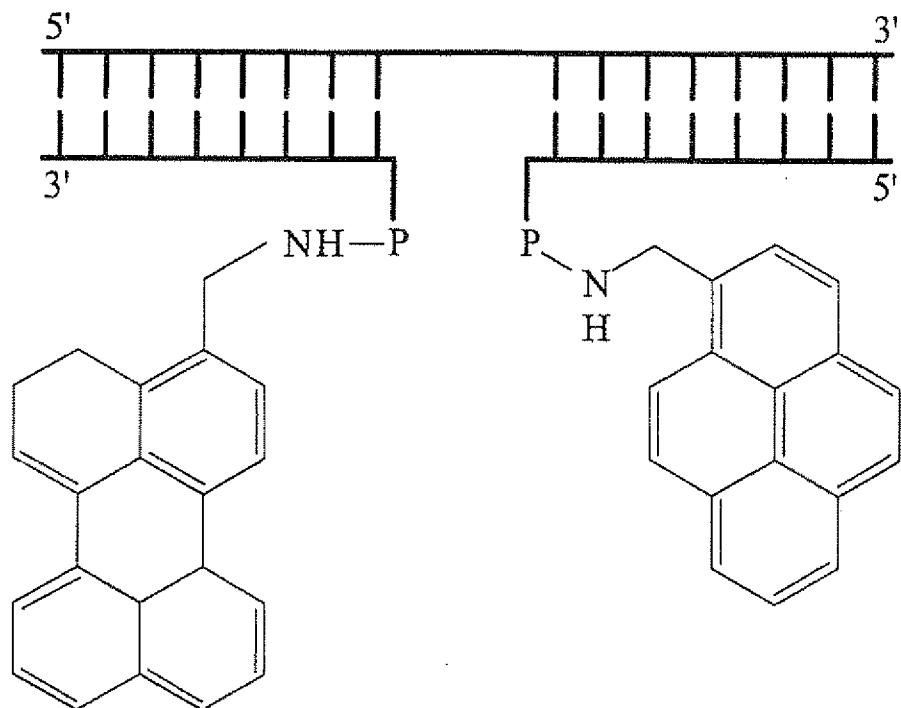


FIG 1C

SP-17



SP-18

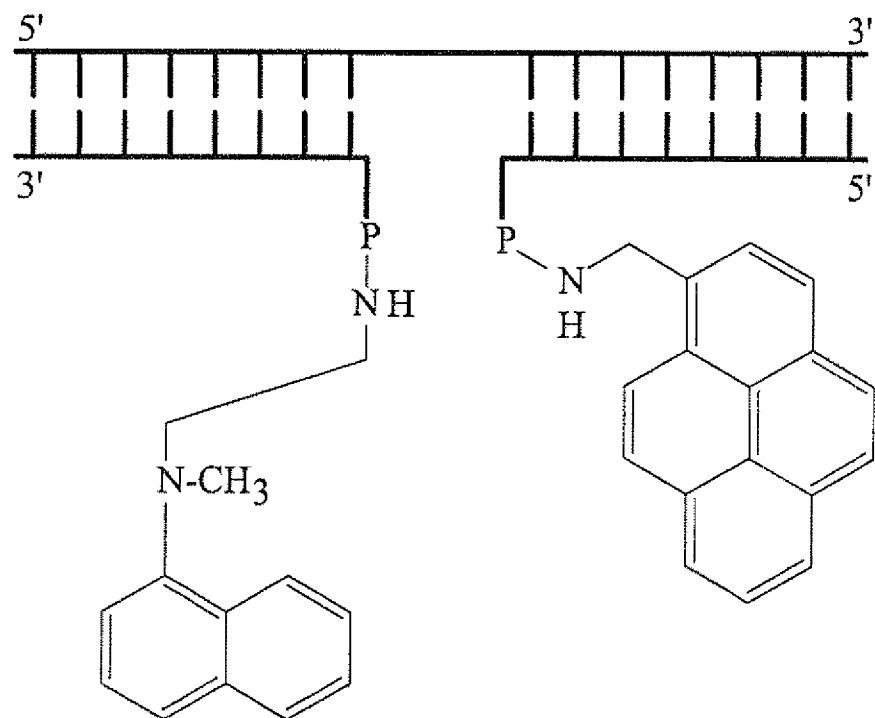
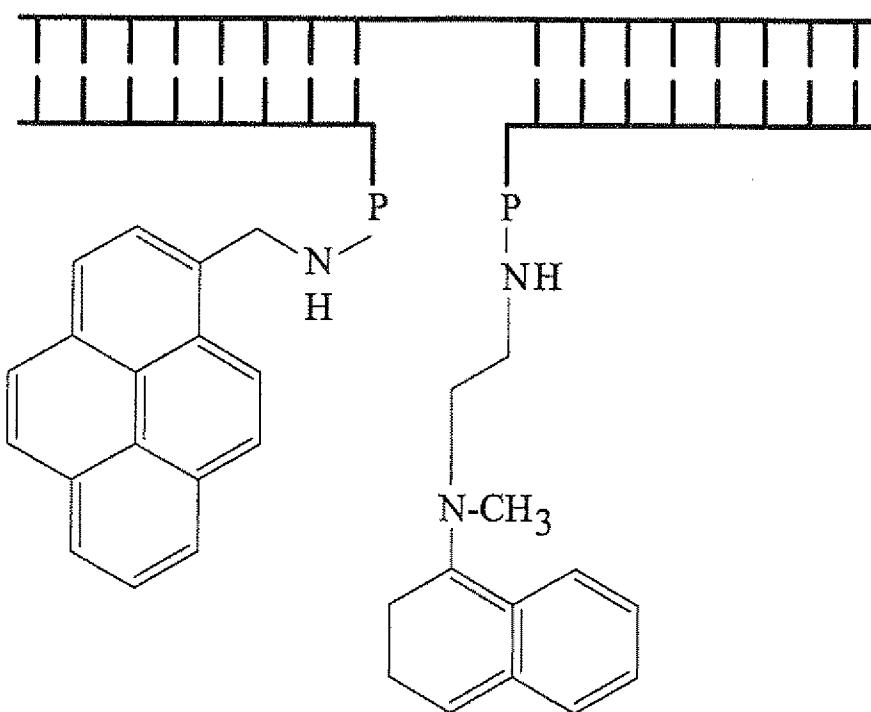


FIG 1D

SP-19



SP-20

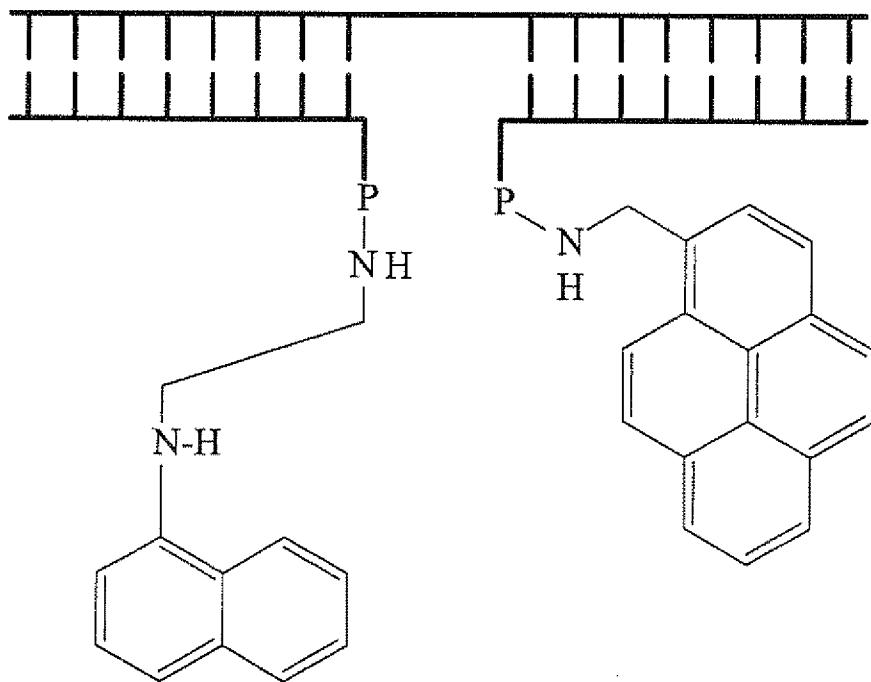
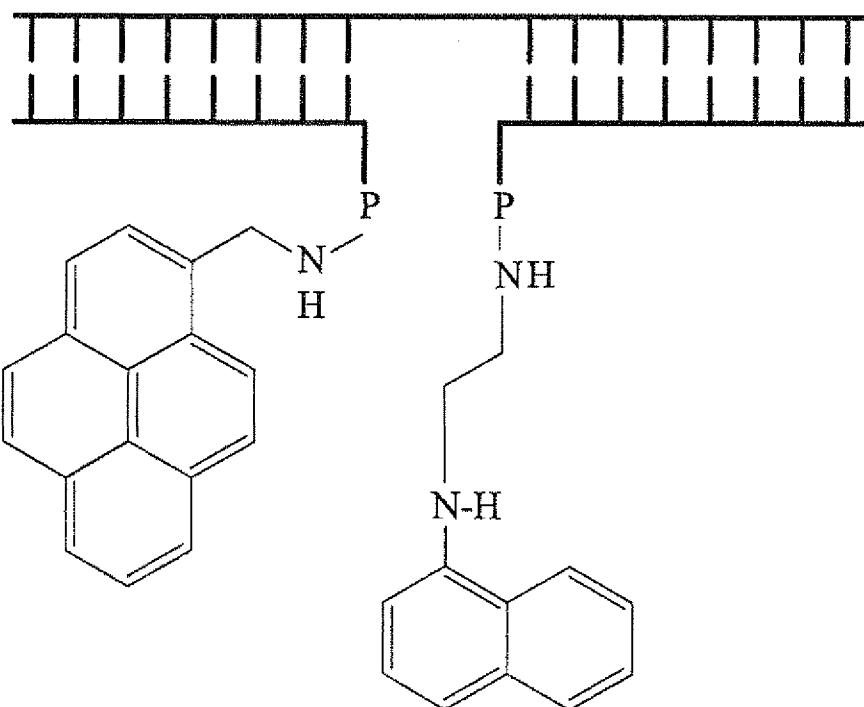


FIG 1E

SP-21



SP-23

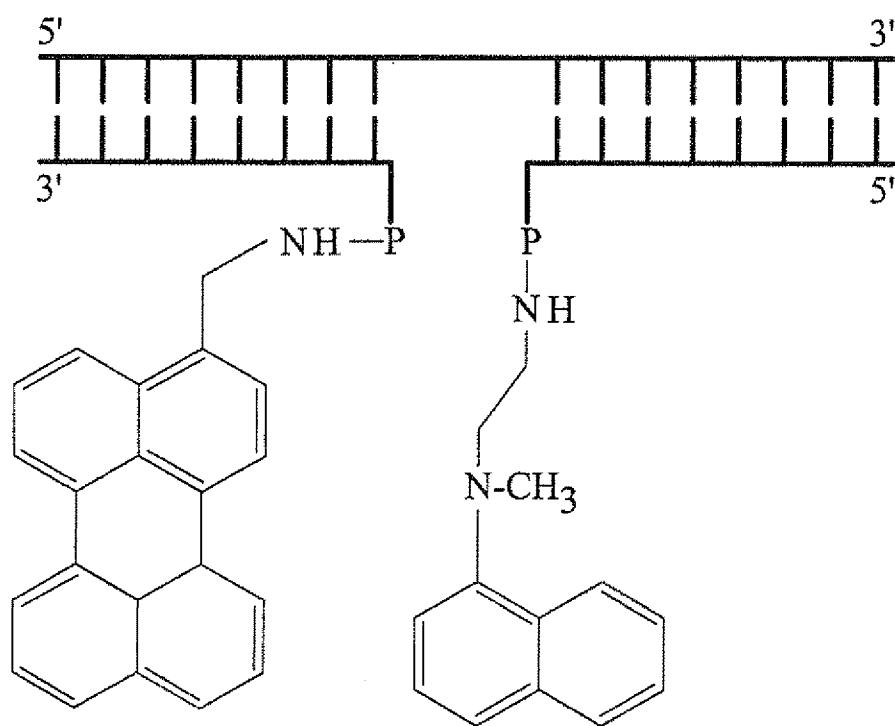
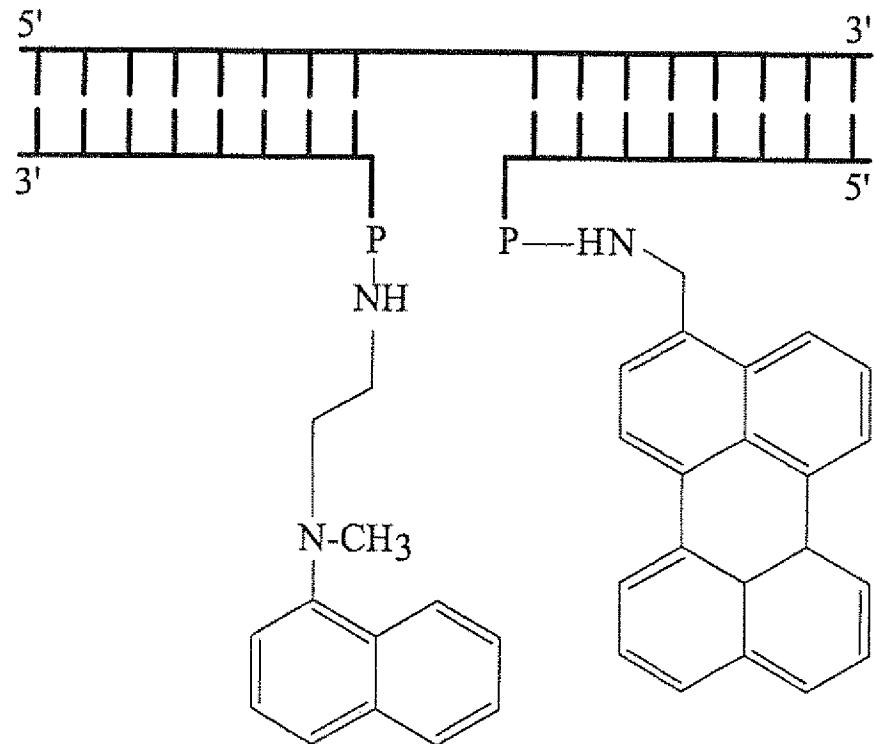


FIG 1F

SP-24



SP-25

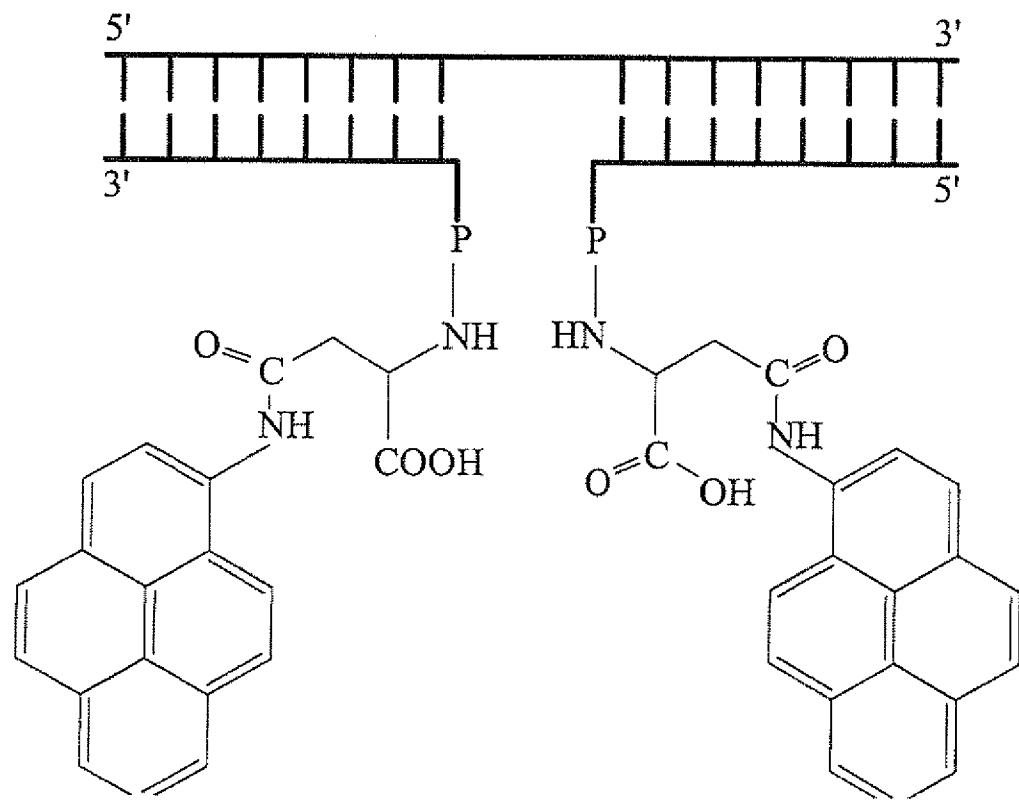
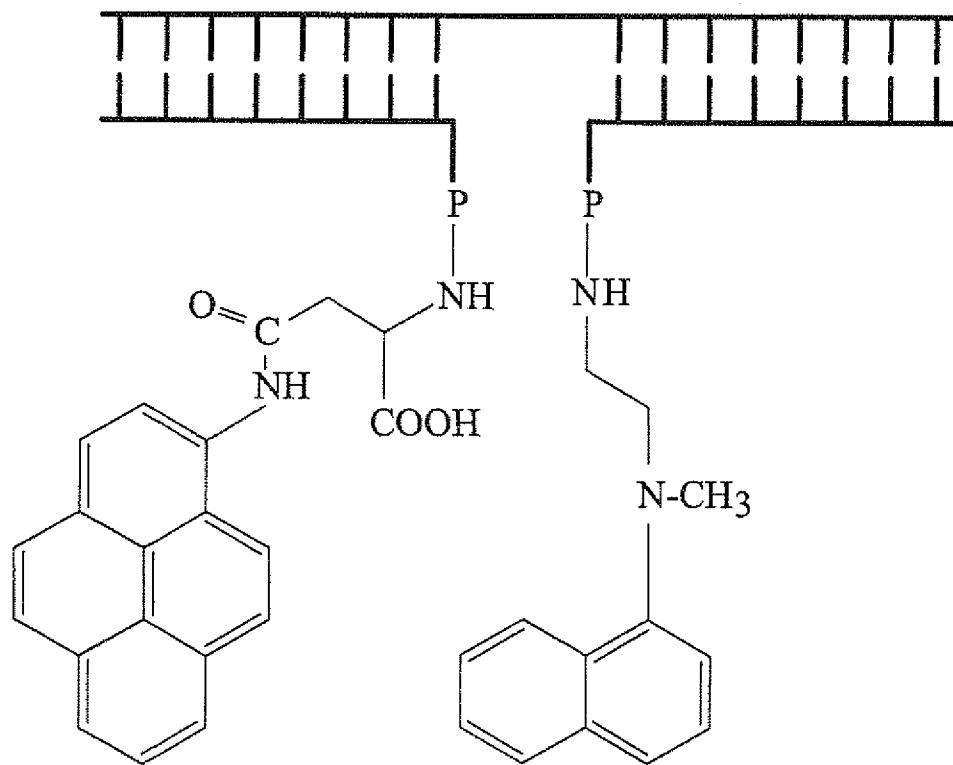


FIG 1G

SP-26



SP-34

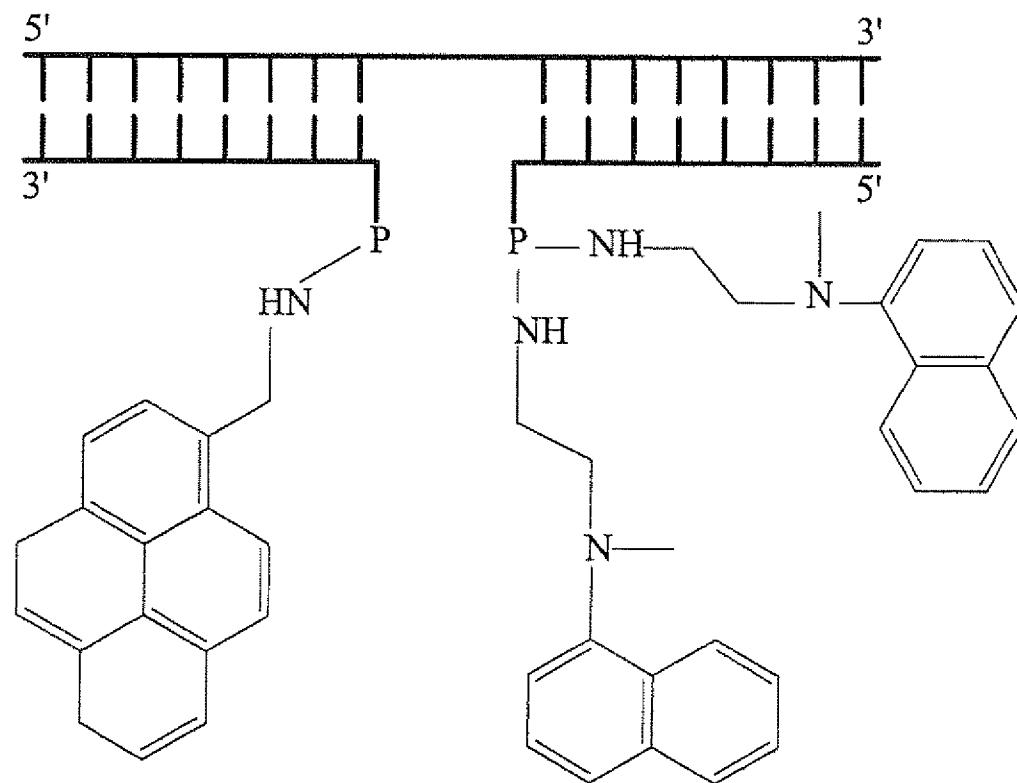


FIG 1H

SP-38

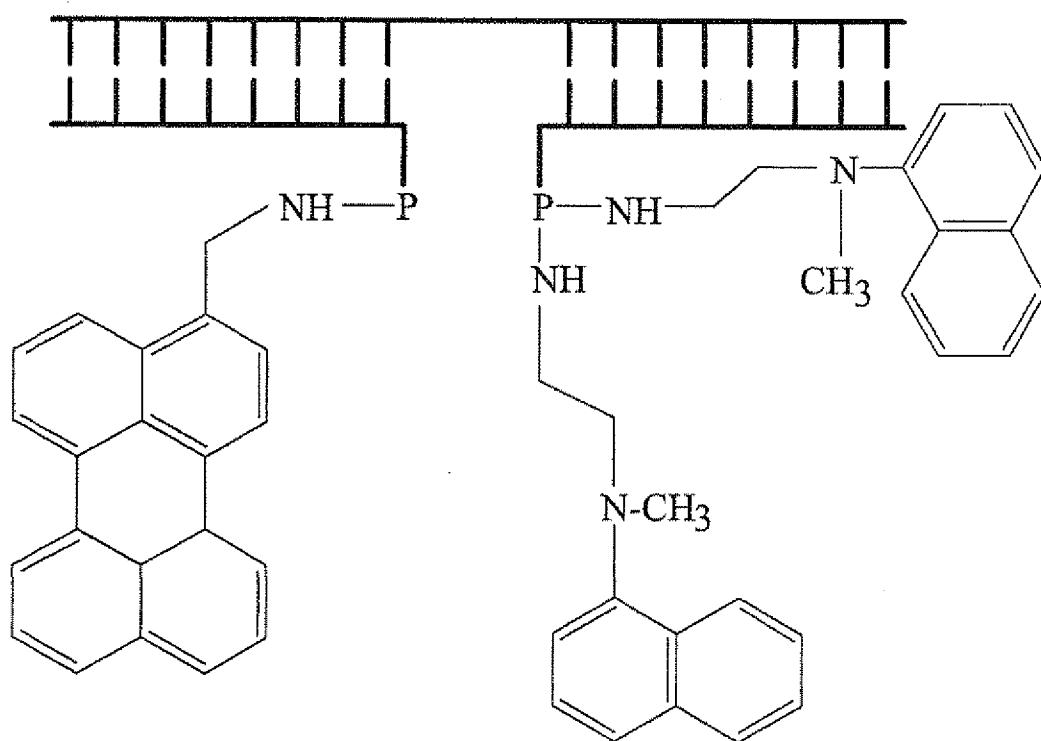
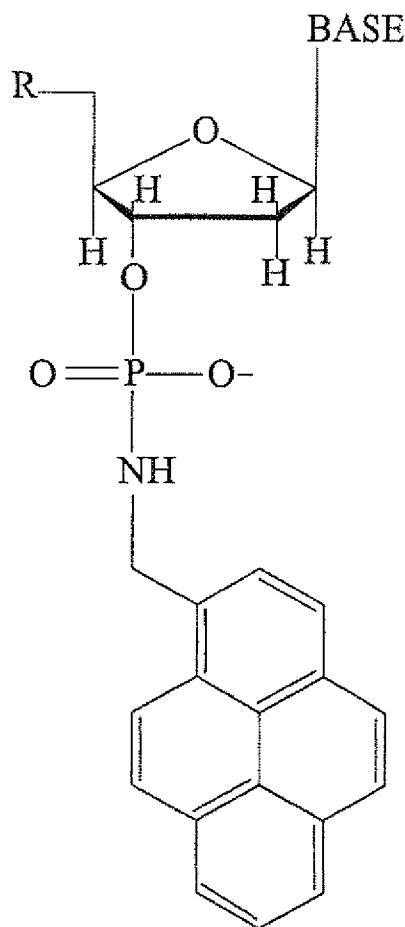
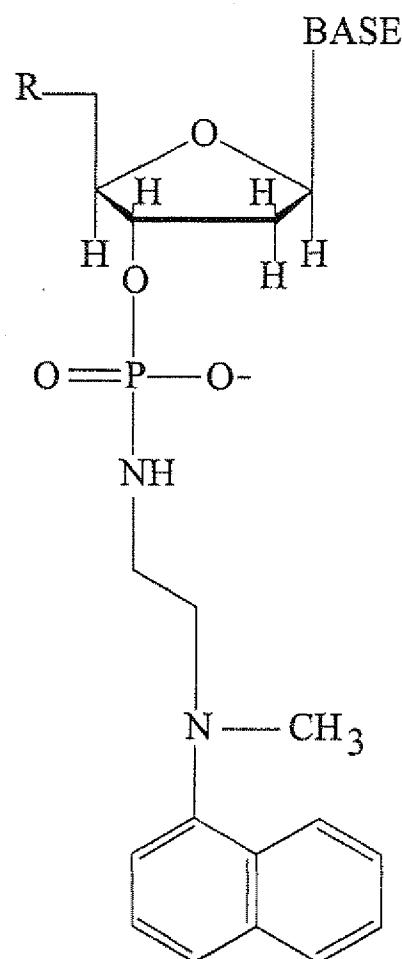


FIG 11

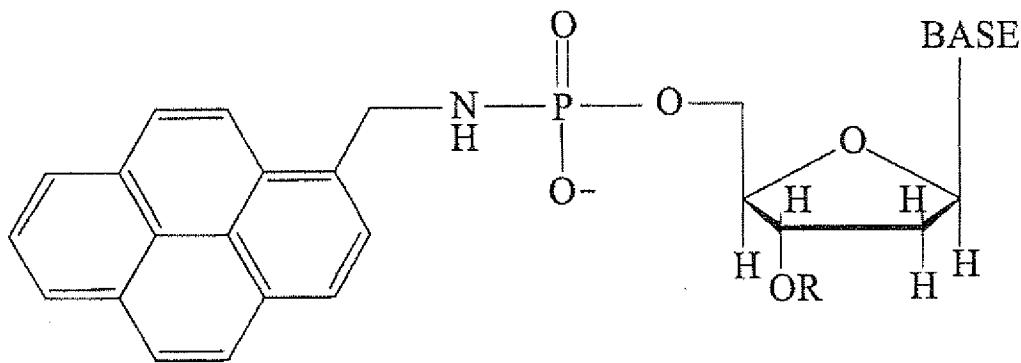


3' Attachment of pyrene

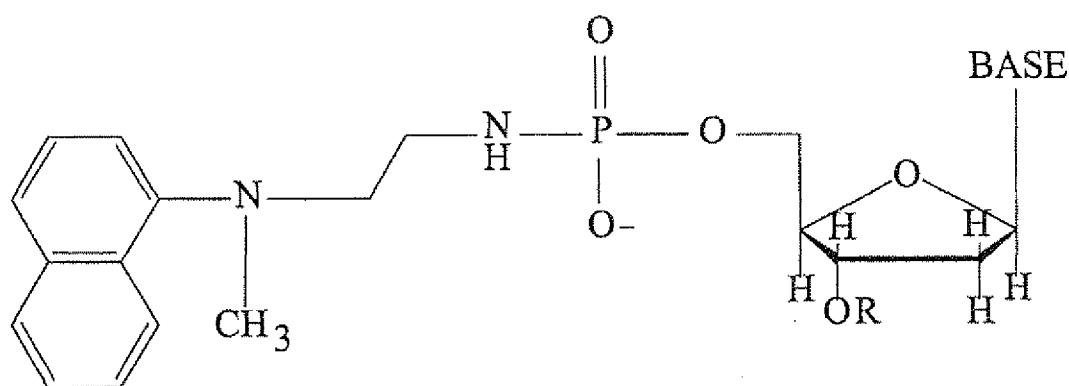


3' Attachment of  
naphthalene derivative

FIG 1J

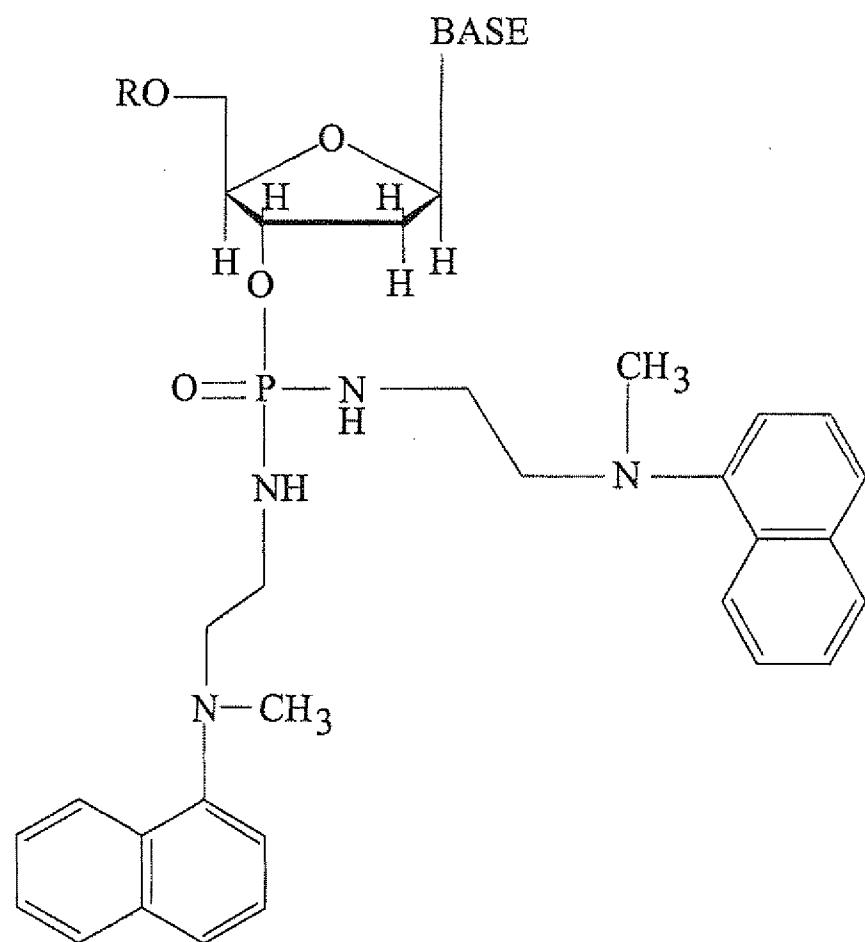


5' Attachment of pyrene



5' Attachment of naphthalene derivative

FIG 1K



3' Attachment of bio-naphthalene derivative.

Melting temperature experiment for SP-19 in Tris buffer/THF system (10 mM Tris, pH 8.3, Na Cl based on 80% TFE/20% water solution).

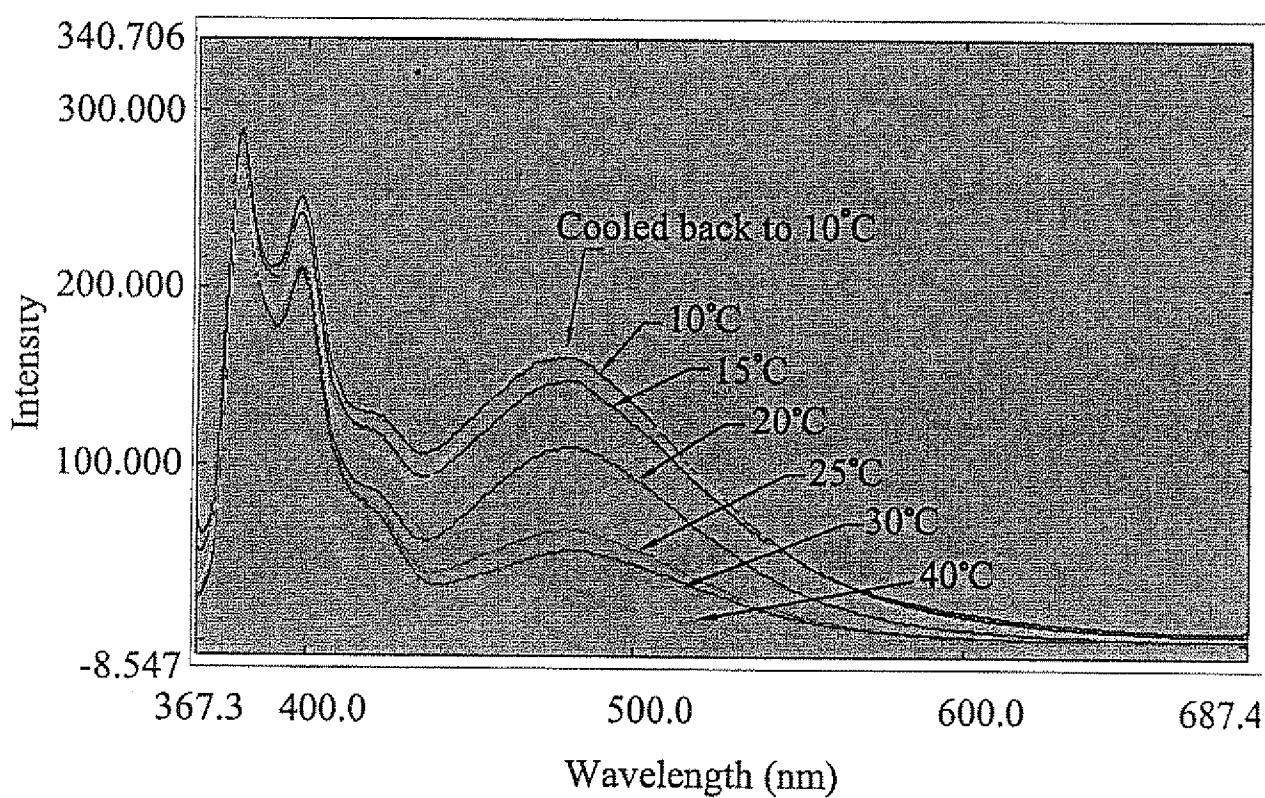


FIG 11

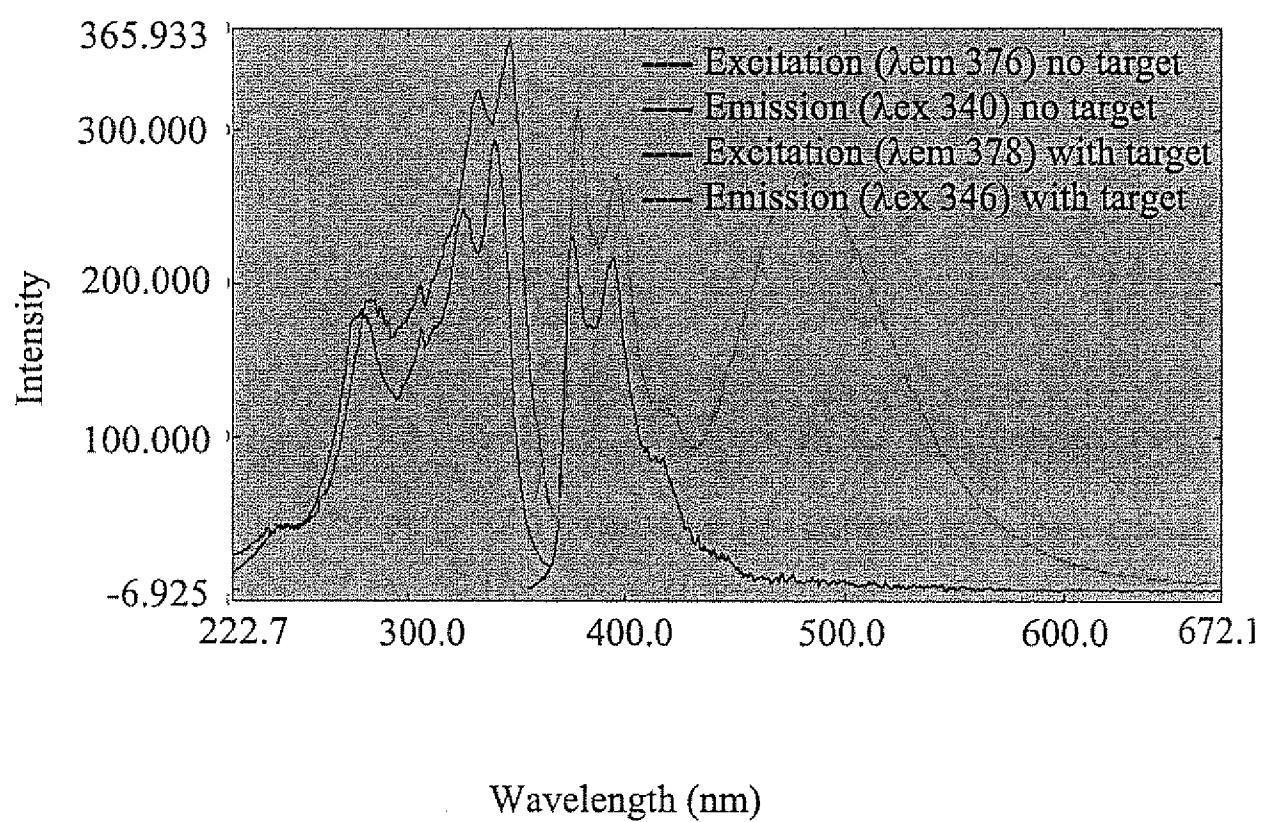


FIG 32

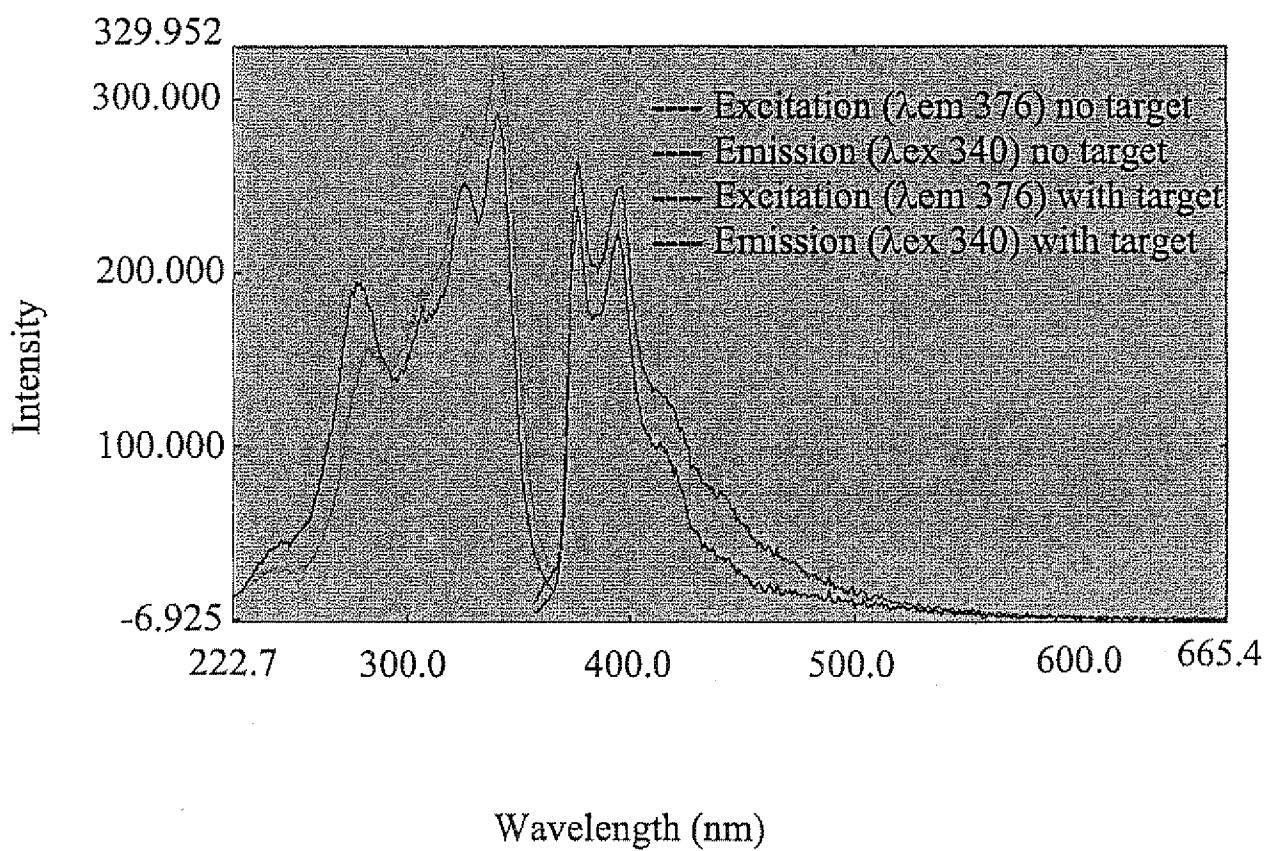


FIG 33